KBR:kbr 07/27/04 3382-51039-01 297517

PATENT
Attorney Matter No. 3382-51039-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**In re application of:** Wang et al.

**Date Mailed** July 28, 2004

**Patent No.** 6,499,060 B1

**Issued:** December 24, 2002

**Application No.** 09/267,563

**Filed:** March 12, 1999

**Confirmation No.** 7244

**For:** MEDIA CODING FOR LOSS RECOVERY WITH REMOTELY PREDICTED DATA UNITS

Certificate
AUG 0 4 2004
of Correction

**Examiner:** Saleh Najjar

**Art Unit:** 2154

**Attorney Reference No.** 3382-51039-01

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

The following errors were noted in comparing the printed patent with the papers in the attorneys' files:

In the Specification:

Column 8, lines 62-63, "before being using" should read --before using--.

Column 15, lines 55-56, "based a" should read --based on a--.

Column 16, line 46, "starting" should read --start--.

Column 19, line 26, "there multiple" should read --there are multiple--.

In the Claims:

Column 20, line 5, "including;" should read --including:--.

Column 21, line 6, "claim 14" should read --claim 15--.

Column 21, line 9, "claim 14" should read --claim 15--.

08/03/2004 SHASSEN2 00000071 6499060
01 FC:1811 100.00 OP

6 AUG 2004

Column 21, line 10, "based a" should read --based on a--.

Column 21, lines 19-23, claim 21 was printed in error.

Column 22, lines 4-14, claim 26 was printed in error.

Column 22, line 32, "based a" should read --based on a--.

Column 24, line 36 to the end of column 24 should read

--39. The method of claim 15 wherein the remotely predicted units are classified dynamically during transmission of previously encoded data units based on a measure of data transfer reliability.

40. A method for coding streaming media comprising a series of data units, the method comprising:

classifying each of the data units in the series as one of the following types of encoded data units: an independent unit, a predicted unit, and a remotely predicted unit, such that the data units in the series are organized into segments, and each segment has an independent data unit, two or more predicted units and at least one remotely predicted unit, wherein the independent data unit is a data recovery point and a random access point in the series of data units, and the remotely predicted unit is a data recovery point in the series of data units that is classified independently from the random access point and is coded with more efficiency than the independent data unit;

encoding each of the data units classified as an independent data unit in a compressed format using only information from the data unit;

encoding each of the data units classified as a predicted unit in a compressed format by encoding differences between the data unit and an adjacent data unit in the series; and

encoding each of the data units classified as a remotely predicted unit in a compressed format by encoding differences between the data unit and a remote, non-adjacent data unit in the segment, selected as either the independent unit or another remotely predicted unit in the segment. --.

A Certificate of Correction is enclosed in duplicate to make formal notice of the errors in the referenced patent. Also submitted herewith is a check for 100.00 as required by 37 C.F.R. § 1.20(a) for filing this Certificate of Correction.

The preceding corrections to the specification remedy mistakes of a typographical nature and/or minor character.

In claim 7, the correction at column 20, line 5 remedies a punctuation error, as shown in the Amendment After Allowance filed August 21, 2002.

In claim 17, the correction at column 21, line 6 remedies an error apparently introduced during claim renumbering.

In claim 18, the correction at column 21, line 9 remedies an error apparently introduced during claim renumbering.

In claim 18, the correction at column 21, line 10 remedies a minor grammatical error, as shown in the Amendment After Allowance filed August 21, 2002.

It appears claim 21 was printed in error at column 21, lines 19-23. Printed claim 21 corresponds to original claim 22 of the application, which was amended and which correctly appears in its amended form as printed claim 22 of the patent.

It appears claim 26 was printed in error at column 22, lines 4-14. Printed claim 26 corresponds to the claim presented as "claim 14" in the Preliminary Amendment filed March 12, 1999. This claim was prosecuted and amended as claim 14 in the Amendment filed April 9, 2002, and correctly appears as printed claim 14 of the patent.

In claim 27, the correction at column 22, line 32 remedies a minor grammatical error, as shown in the Amendment After Allowance filed August 21, 2002.

Claim 17 of the application (as shown in the Amendment filed April 9, 2002) was allowed but not printed in the patent. Applicants have renumbered claim 17 of the application and presented it as claim 39 above.

Claim 25 of the application (as shown in the Amendment filed April 9, 2002) was allowed but not printed in the patent. Applicants have renumbered claim 25 of the application and presented it as claim 40 above.

KBR:kbr 07/27/04 3382-51039-01 297517

PATENT
Attorney Matter No. 3382-51039-01

Respectfully submitted,

KLARQUIST SPARKMAN, LLP

By _____
Kyle B. Rinehart
Registration No. 47,027

One World Trade Center, Suite 1600
121 S.W. Salmon Street
Portland, Oregon 97204
Telephone: (503) 226-7391
Facsimile: (503) 228-9446

cc: Docketing
Client (94191.01)

Staple Here Only

UNITED STATES PATENT AND TRADEMARK OFFICE
# CERTIFICATE OF CORRECTION

PATENT NO. : 6,499,060 B1

DATED : December 24, 2002

INVENTOR(S) : Wang et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification:

Column 8, lines 62-63, "before being using" should read --before using--.

Column 15, lines 55-56, "based a" should read --based on a--.

Column 16, line 46, "starting" should read --start--.

Column 19, line 26, "there multiple" should read --there are multiple--.

In the Claims:

Column 20, line 5, "including;" should read --including:--.

Column 21, line 6, "claim 14" should read --claim 15--.

Column 21, line 9, "claim 14" should read --claim 15--.

Column 21, line 10, "based a" should read --based on a--.

Column 21, lines 19-23, claim 21 was printed in error.

Column 22, lines 4-14, claim 26 was printed in error.

Column 22, line 32, "based a" should read --based on a--.

Column 24, line 36 to the end of column 24 should read

--39. The method of claim 15 wherein the remotely predicted units are classified dynamically during transmission of previously encoded data units based on a measure of data transfer reliability.

40. A method for coding streaming media comprising a series of data units, the method comprising:

classifying each of the data units in the series as one of the following types of encoded data units: an independent unit, a predicted unit, and a remotely predicted unit, such that the data units in the series are organized into segments, and each segment has an independent data unit, two or more predicted units and at least one remotely predicted unit, wherein the independent data unit is a data recovery point and a random access point in the series of data units, and the remotely predicted unit is a data recovery point in the series of data units that is classified independently from the random access point and is coded with more efficiency than the independent data unit;

MAILING ADDRESS OF SENDER:
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
121 SW Salmon Street
Portland, Oregon 97204

PATENT NO. 6,499,060 B1
No. of add'l copies_____
(@ .30 per page)



- 6 AUG 2004

Staple Here Only

UNITED STATES PATENT AND TRADEMARK OFFICE
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,499,060 B1

DATED : December 24, 2002

INVENTOR(S) : Wang et al.

encoding each of the data units classified as an independent data unit in a compressed format using only information from the data unit;

encoding each of the data units classified as a predicted unit in a compressed format by encoding differences between the data unit and an adjacent data unit in the series; and

encoding each of the data units classified as a remotely predicted unit in a compressed format by encoding differences between the data unit and a remote, non-adjacent data unit in the segment, selected as either the independent unit or another remotely predicted unit in the segment.

--.

MAILING ADDRESS OF SENDER:
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
121 SW Salmon Street
Portland, Oregon 97204

PATENT NO. 6,499,060 B1
No. of add'l copies_____
(@ .30 per page)

Staple Here Only

UNITED STATES PATENT AND TRADEMARK OFFICE
# CERTIFICATE OF CORRECTION

PATENT NO. : 6,499,060 B1

DATED : December 24, 2002

1 of 2

INVENTOR(S) : Wang et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the Specification:

Column 8, lines 62-63, "before being using" should read --before using--.

Column 15, lines 55-56, "based a" should read --based on a--.

Column 16, line 46, "starting" should read --start--.

Column 19, line 26, "there multiple" should read --there are multiple--.

In the Claims:

Column 20, line 5, "including;" should read --including:--.

Column 21, line 6, "claim 14" should read --claim 15--.

Column 21, line 9, "claim 14" should read --claim 15--.

Column 21, line 10, "based a" should read --based on a--.

Column 21, lines 19-23, claim 21 was printed in error.

Column 22, lines 4-14, claim 26 was printed in error.

Column 22, line 32, "based a" should read --based on a--.

Column 24, line 36 to the end of column 24 should read

--39. The method of claim 15 wherein the remotely predicted units are classified dynamically during transmission of previously encoded data units based on a measure of data transfer reliability.

40. A method for coding streaming media comprising a series of data units, the method comprising:

classifying each of the data units in the series as one of the following types of encoded data units: an independent unit, a predicted unit, and a remotely predicted unit, such that the data units in the series are organized into segments, and each segment has an independent data unit, two or more predicted units and at least one remotely predicted unit, wherein the independent data unit is a data recovery point and a random access point in the series of data units, and the remotely predicted unit is a data recovery point in the series of data units that is classified independently from the random access point and is coded with more efficiency than the independent data unit;

MAILING ADDRESS OF SENDER:
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
121 SW Salmon Street
Portland, Oregon 97204

PATENT NO. 6,499,060 B1
No. of add'l copies_____
(@ .30 per page)



- 6 AUG 2004

Staple
Here
Only

UNITED STATES PATENT AND TRADEMARK OFFICE
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,499,060 B1

DATED : December 24, 2002

INVENTOR(S) : Wang et al.

2 of 2

encoding each of the data units classified as an independent data unit in a compressed format using only information from the data unit;

encoding each of the data units classified as a predicted unit in a compressed format by encoding differences between the data unit and an adjacent data unit in the series; and

encoding each of the data units classified as a remotely predicted unit in a compressed format by encoding differences between the data unit and a remote, non-adjacent data unit in the segment, selected as either the independent unit or another remotely predicted unit in the segment.

--.

MAILING ADDRESS OF SENDER:
Klarquist Sparkman, LLP
One World Trade Center, Suite 1600
121 SW Salmon Street
Portland, Oregon 97204

PATENT NO. 6,499,060 B1
No. of add'l copies_____
(@ .30 per page)